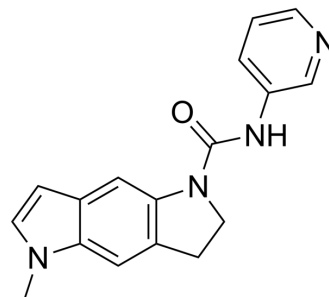


## SB 206553

Cat. No.:	HY-132225
CAS No.:	158942-04-2
Molecular Formula:	C <sub>17</sub> H <sub>16</sub> N <sub>4</sub> O
Molecular Weight:	292.34
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	SB 206553 is a 5-HT <sub>2C</sub> inverse agonist. SB 206553 can attenuate methamphetamine-seeking in rats. SB 206553 has activity for 5-HT <sub>2</sub> receptor ligands in HEK-293 or CHO-K1 cells expressing human recombinant 5-HT <sub>2</sub> receptors with pKi values of 5.6 nM (5-HT <sub>2A</sub> ), 7.7 nM (5-HT <sub>2B</sub> ) and 7.8 nM (5-HT <sub>2C</sub> ), respectively. SB 206553 can be used for the research of psychostimulant abuse disorders <sup>[1]</sup> .
IC <sub>50</sub> & Target	pKi: 5.6 nM (5-HT <sub>2A</sub> ), 7.7 nM (5-HT <sub>2B</sub> ) and 7.8 nM (5-HT <sub>2C</sub> ) <sup>[1]</sup> .

### REFERENCES

[1]. Graves SM, et al. SB 206553, a putative 5-HT<sub>2C</sub> inverse agonist, attenuates methamphetamine-seeking in rats. BMC Neurosci. 2012 Jun 14;13:65.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA